

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D117-762 REV. D AND  
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D117-762 REV. 3

REF FAA STC: SR01853SE

REF: TC LETTER OF ACCEPTANCE RDIMS-4374899

REF EASA STC: EASA.10017063

## 1.0 PURPOSE

The purpose of this Dart Service Instruction (DSI) is to replace the ground handling lugs (D3864-1 Bushings, AN6C51A Bolts and MS21043-6 Nuts) on the D145-762-XXX Skidtubes with a structurally superior lug design. This service instruction only affects D145-762-043/-013/-113 Skidtubes at change 004 or earlier and D145-762-045/-015/-115 Skidtubes at change 001. It is highly recommended to install DSI 9731-011 GHL Upgrade Kit in order to prevent early structural failure of the D145-762-XXX Skidtubes. Each DSI 9731-011 GHL Upgrade Kit provides the necessary parts and hardware for installation on one skidtube.

## 2.0 INSTALLATION

- 2.1 Remove (qty 4) D3864-1 Bushings per Skidtube by removing (qty 2) AN6C51A Bolts and (qty 2) MS21043-6 Nuts
- 2.2 Loosely install (qty 2) D5300-1 GHL Bushing & (qty 2) D5301-1 GHL Plug wet with Proseal 890 or MIL-S-8802 Class B2 Sealant in location shown in Figure 1.
- 2.3 Install AN6C52A Bolts and (qty 2) MS21043-6 Nuts in accordance with Figure 1. Clean up squeezed out Proseal and apply fillet seal around D5300-1 & D5301-1.
- 2.4 Torque AN6C52A Bolts 180 - 190 in-lbs (18.1 - 21.5 N-m).

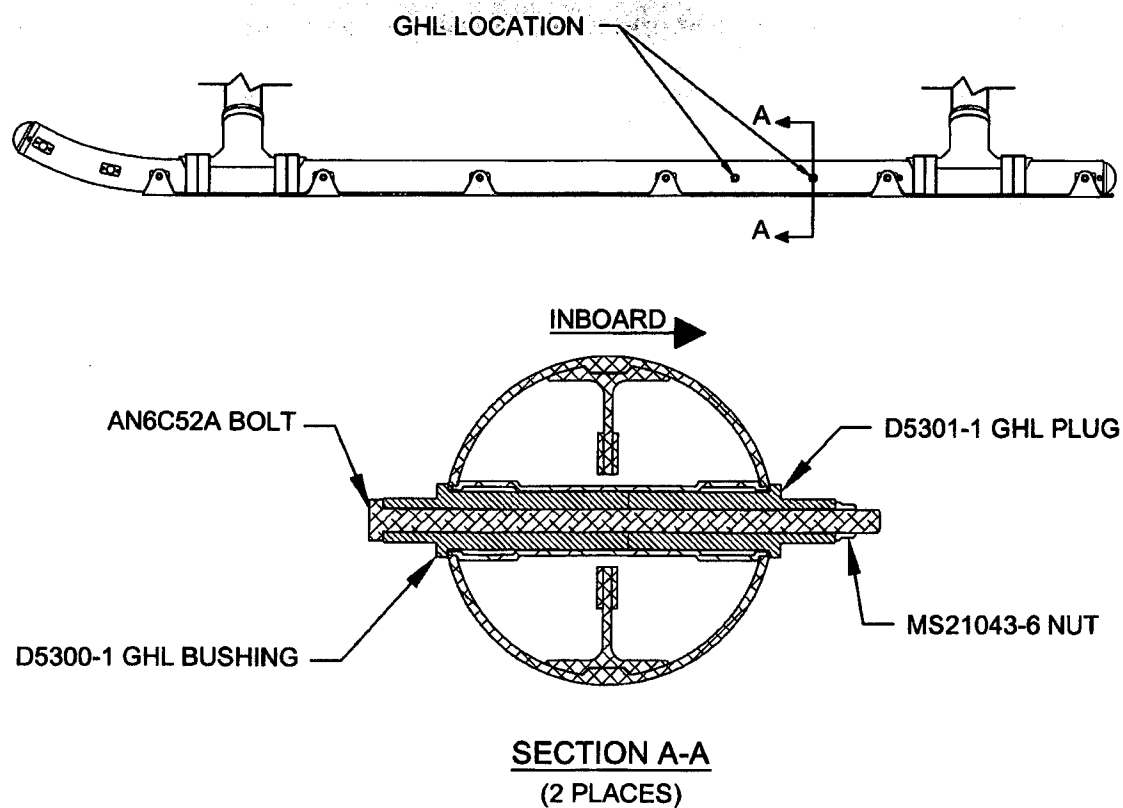
## 3.0 PARTS LIST

QTY -011	PART NUMBER	DESCRIPTION
X	DSI 9731-011	GHL UPGRADE KIT
2	D5300-1	GHL BUSHING
2	D5301-1	GHL PLUG
2	AN6C52A	BOLT
2	MS21043-6	NUT

## 4.0 WEIGHT AND BALANCE

There is negligible weight and balance change associated with this modification.

A	NEW ISSUE	AP	15.11.02
REV.	DESCRIPTION		BY DATE
DESIGN	AP	<b>DART AEROSPACE, LTD</b> EUGENE, OR	
DRAWN	AP		
CHECKED	<i>DB</i>	DRAWING NO.	REV.A
MFG. APPR.	N/A	DSI 9731	SHEET 1 OF 2
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	GHL UPGRADE KIT	NTS
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**FIGURE 1 - GHU UPGRADE INSTALLATION**

DESIGN	AP	<b>DART AEROSPACE, LTD</b> EUGENE, OR	
DRAWN	AP		
CHECKED	ASS	DRAWING NO.	REV.A
MFG. APPR.	N/A	DSI 9731	SHEET 2 OF 2
APPROVED	CA	TITLE	SCALE
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